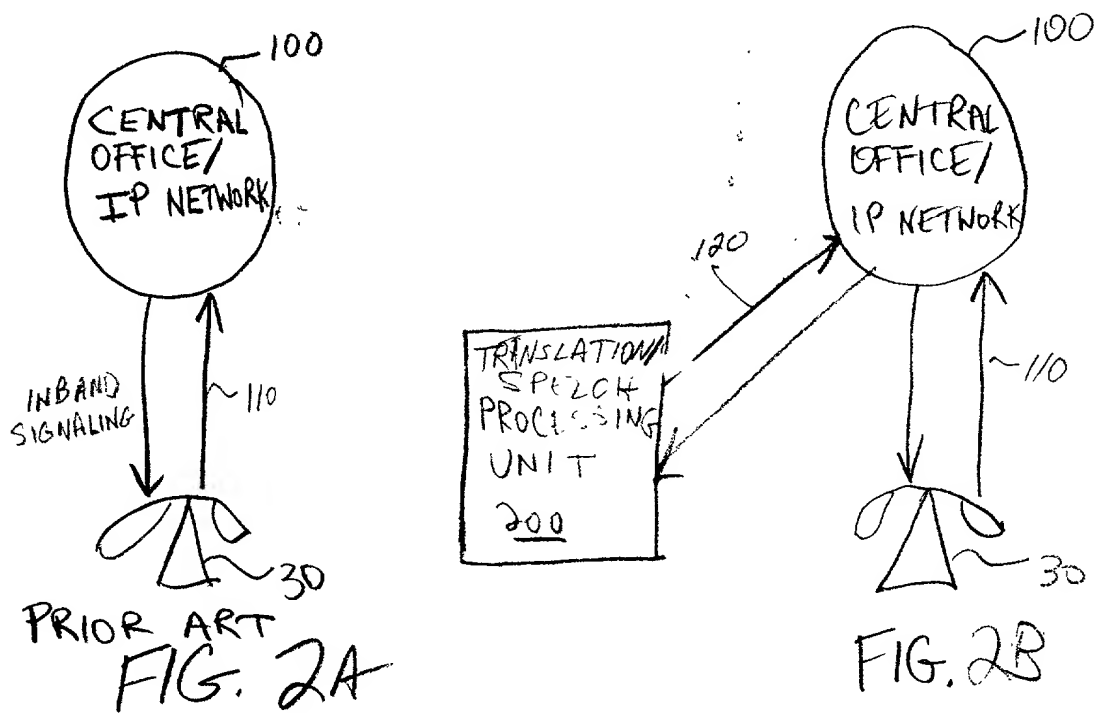


FIG. 1



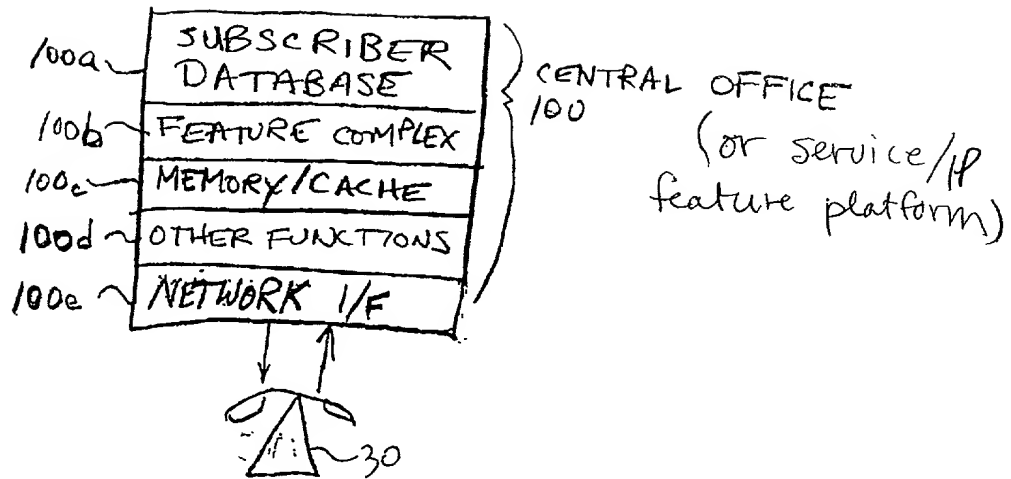
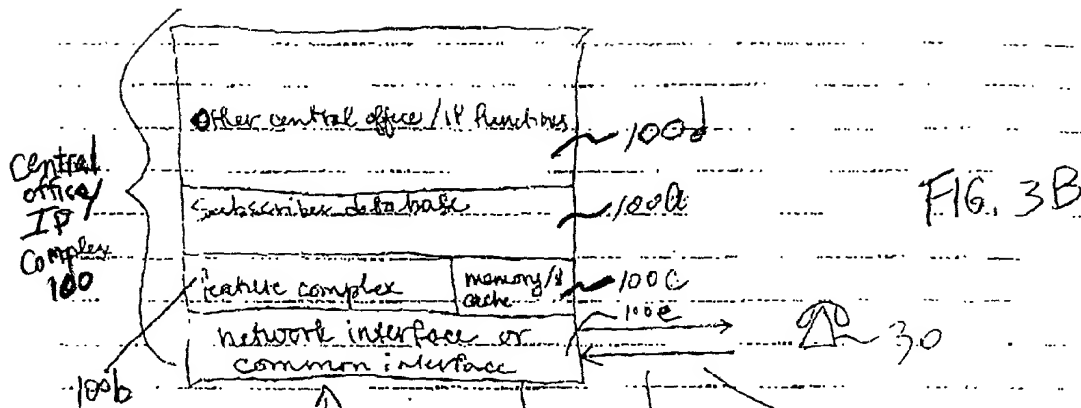


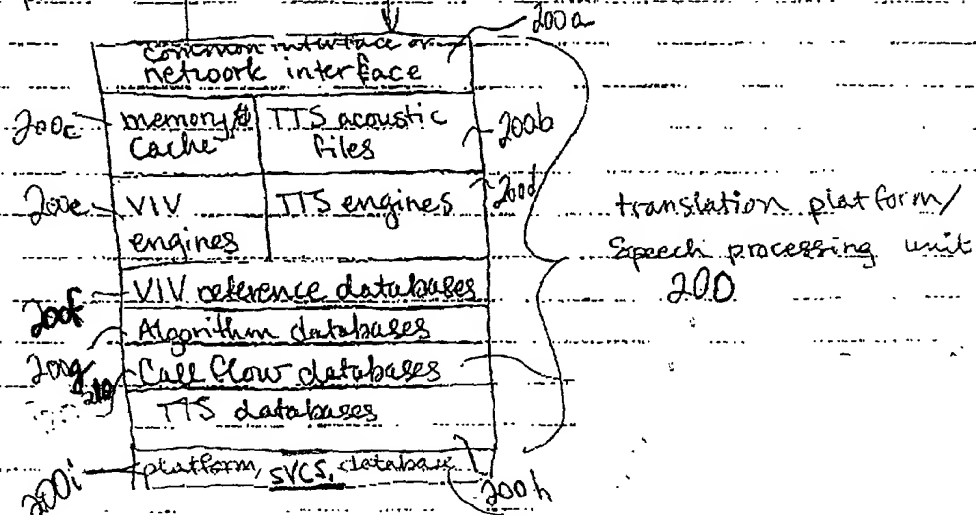
FIG. 3A



- signaling path  
- in-band path

150

signaling path  
in-band path

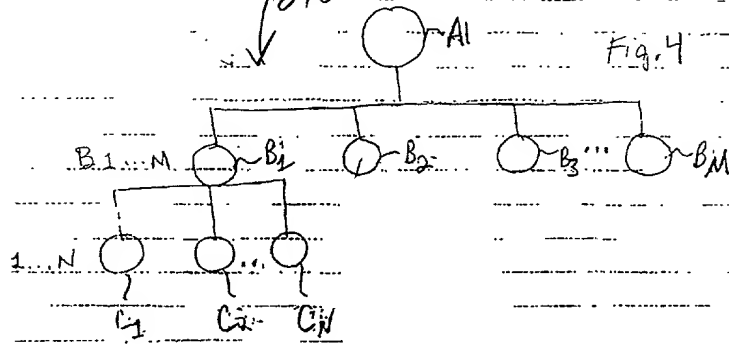


VIV = Verbal Information Verification  
TTS = Text to Speech

System State Database

1210

Fig. 4



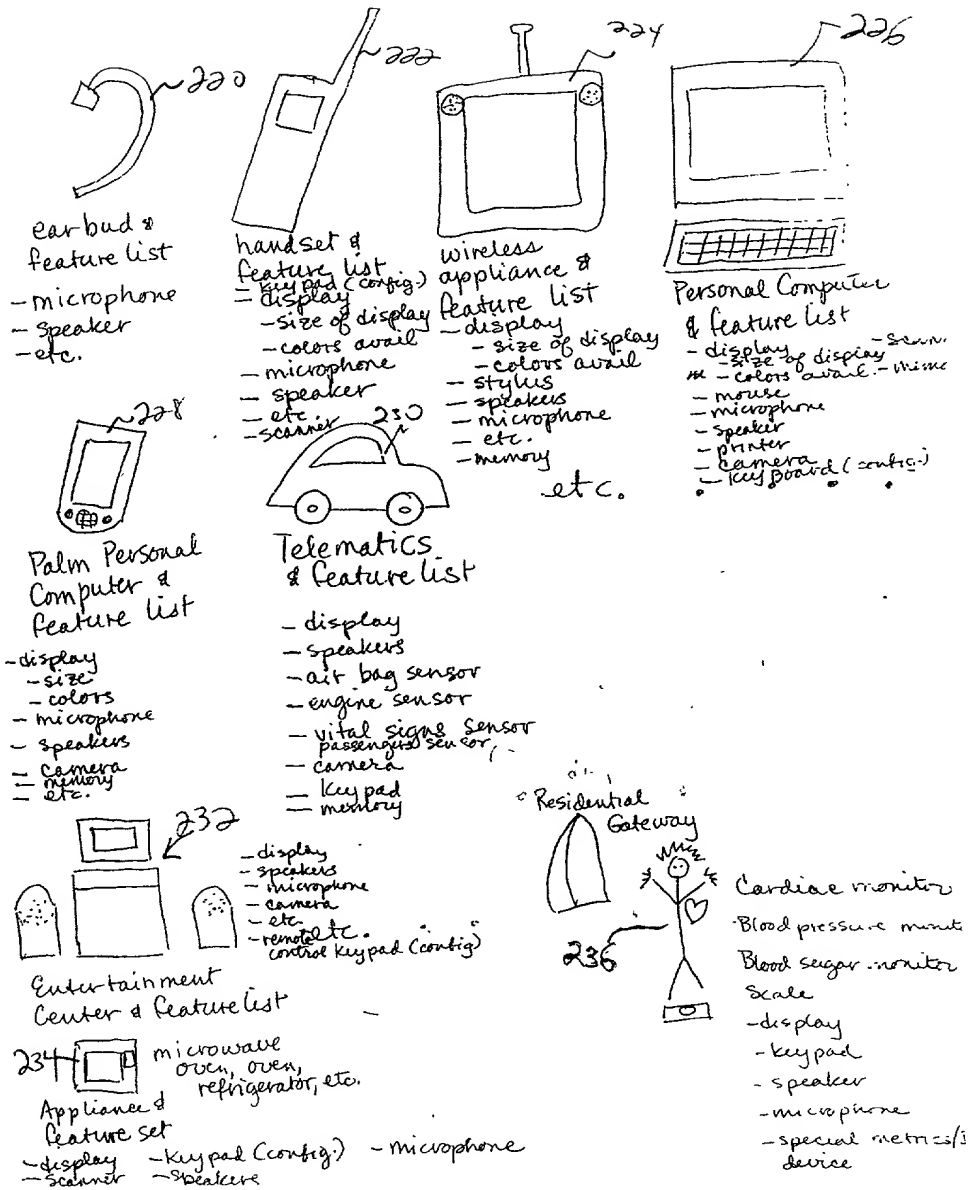


FIG. 5A

240

[illegible]

FIG. 5B

FIG. 5C

earbud message - speech (synthesized or recorded)  
"Menu - Hold, conference, ~~or~~ play message, or voice mail."

handset message - text, display, video, etc.

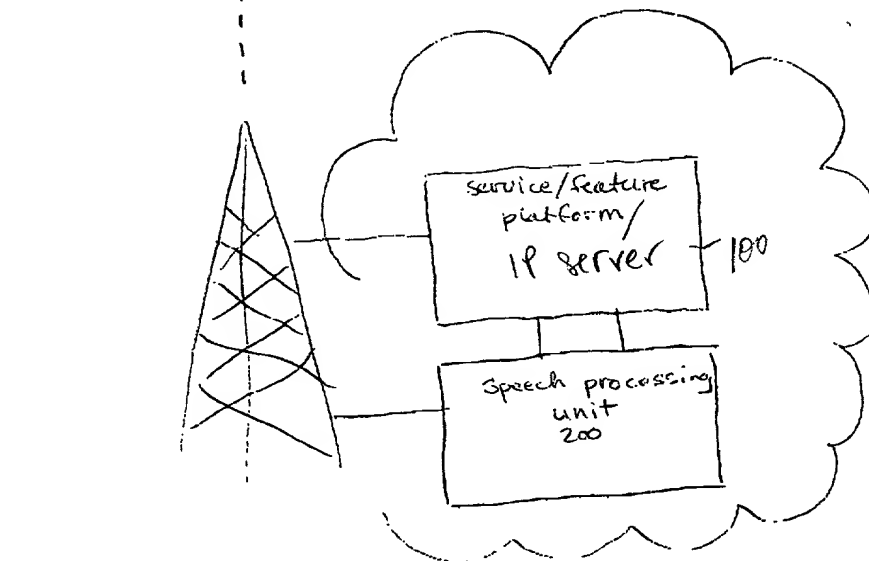
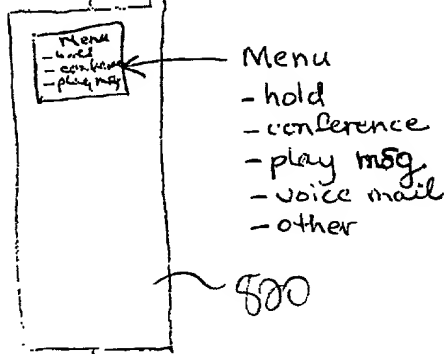


Fig 6A

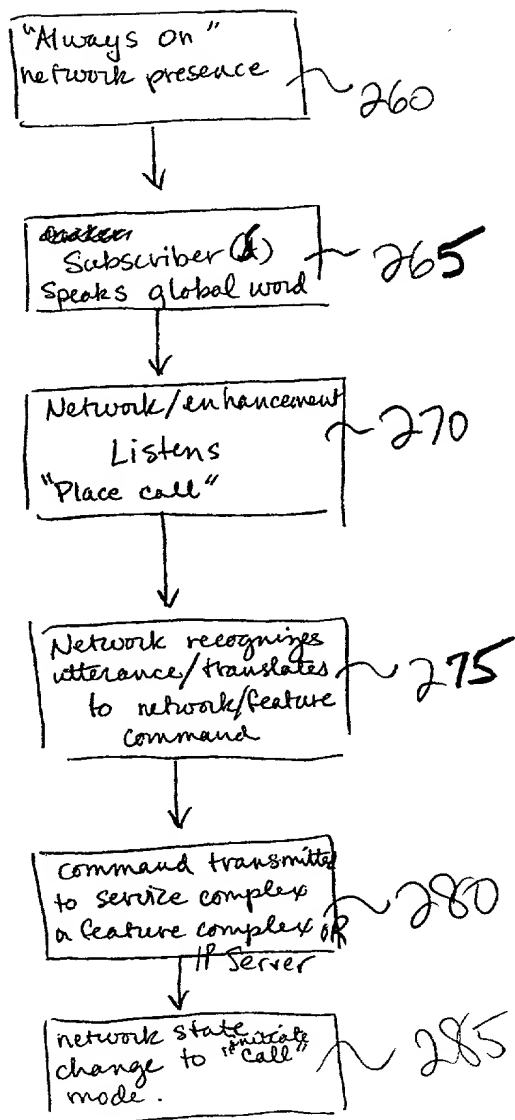
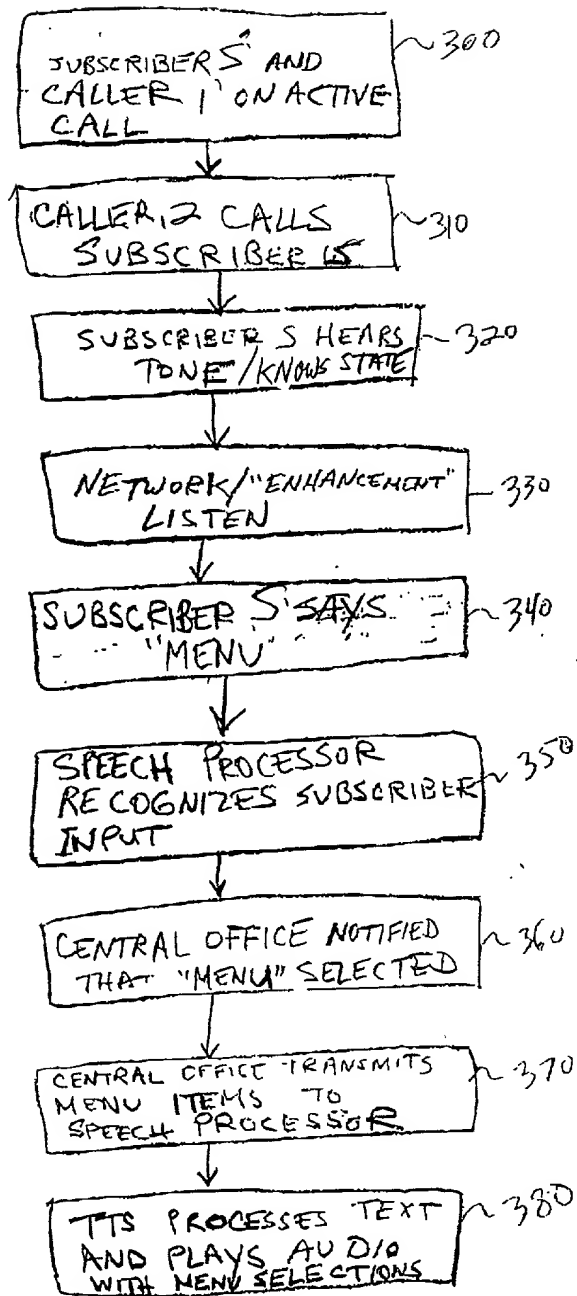


FIG. 6A

Fig. 5B



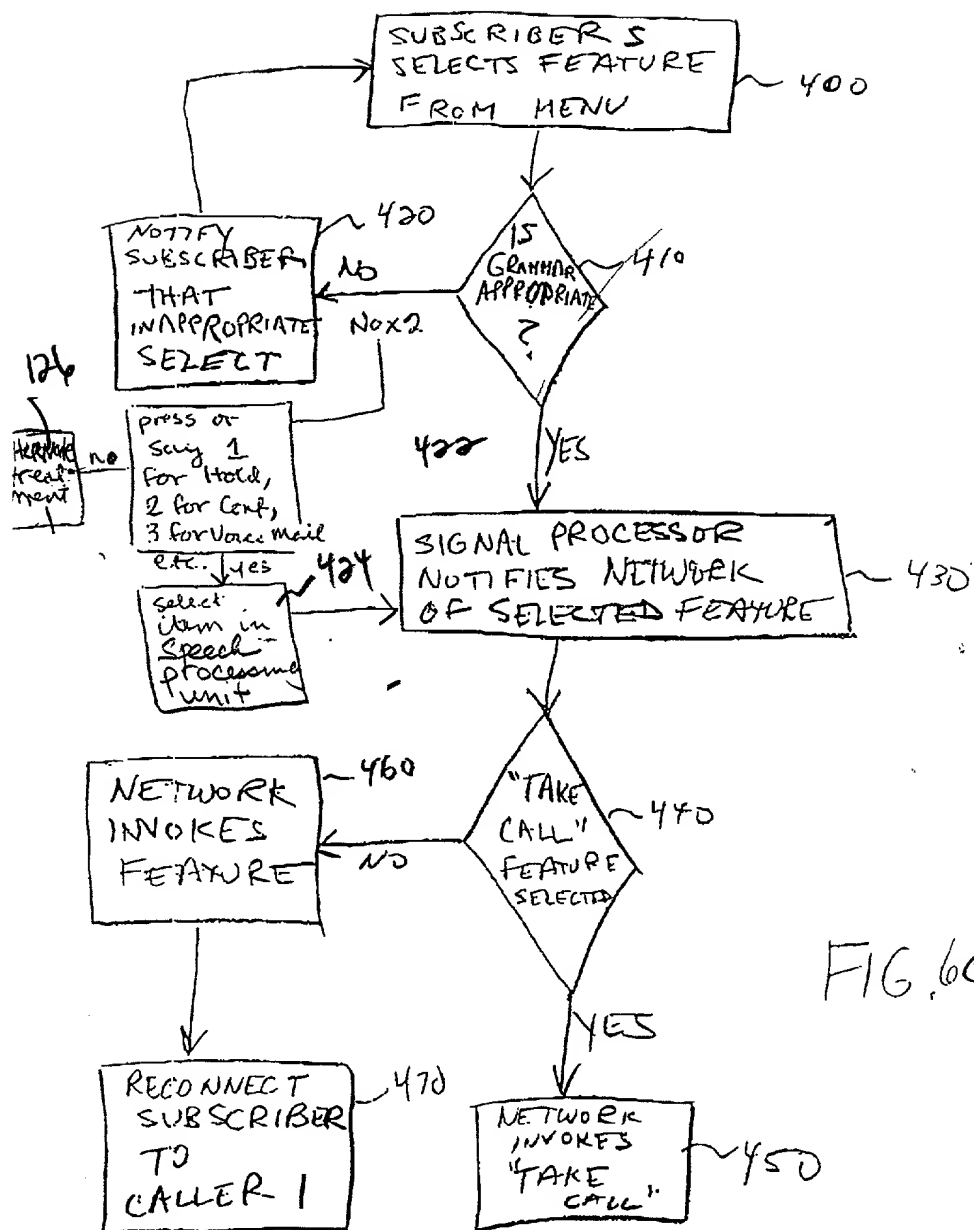
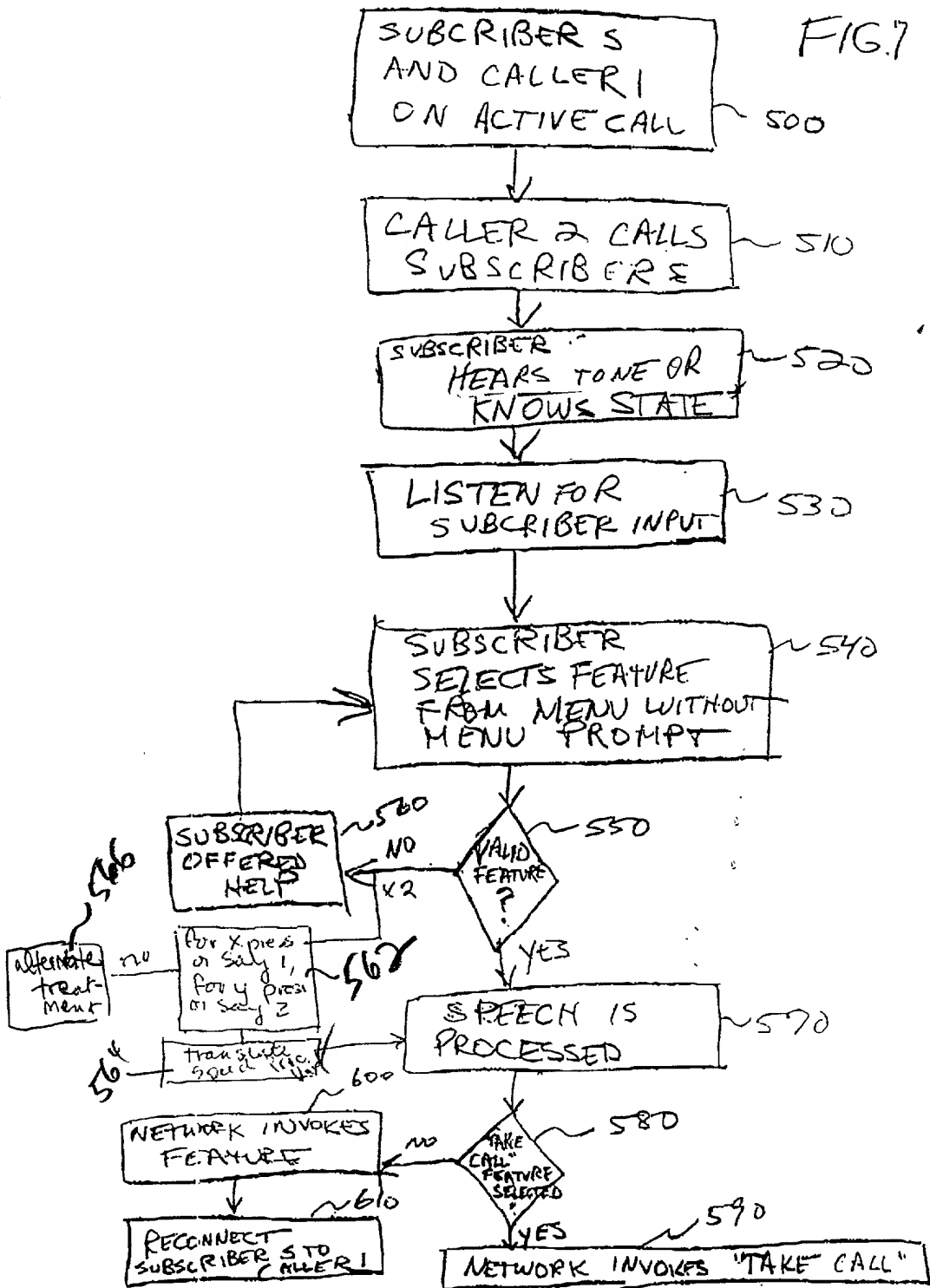


FIG. 7



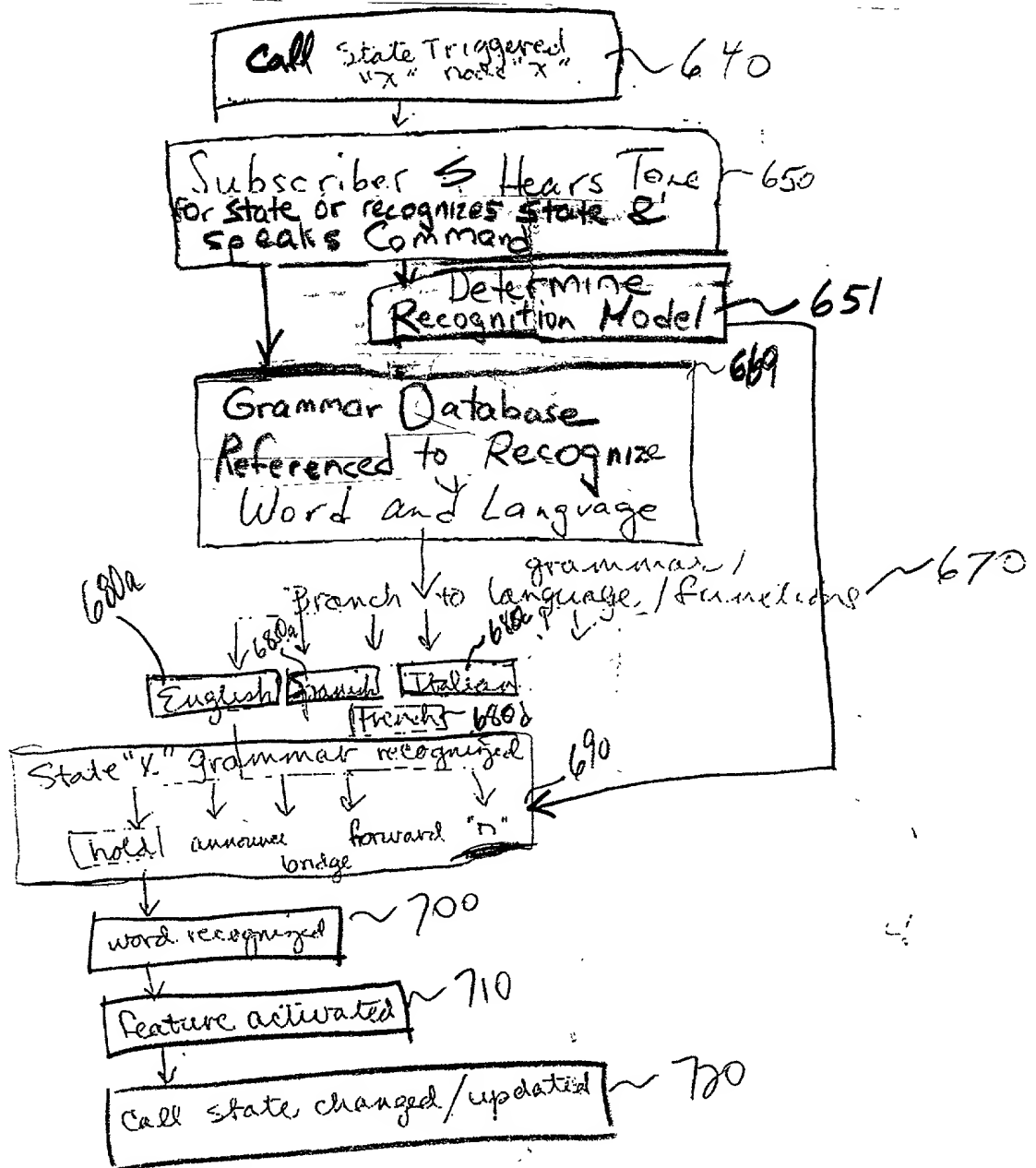
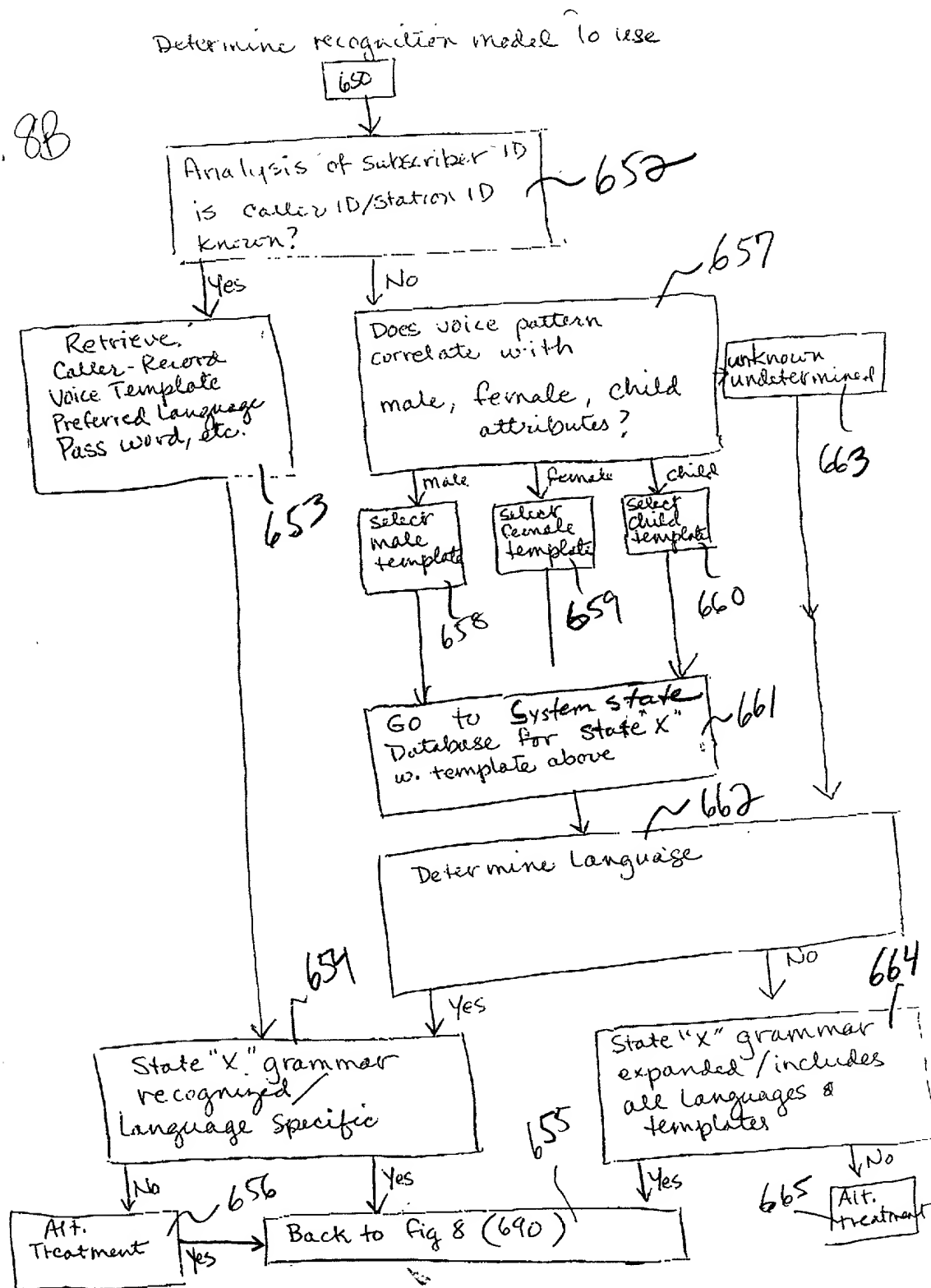


FIG. 8A

FIG. 8B

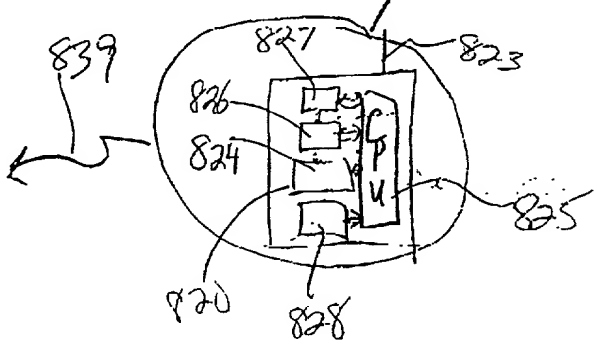
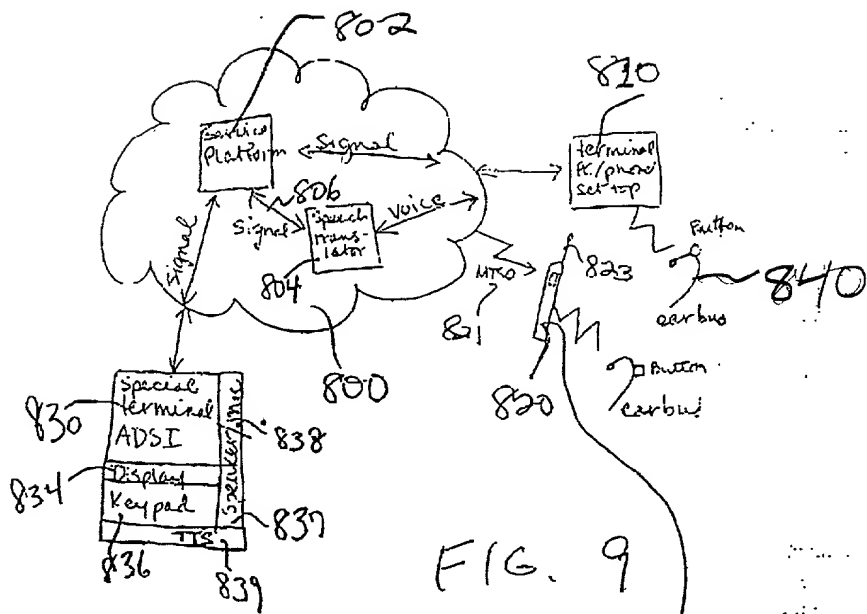


# Caller-Record Database

666

| Caller ID/<br>Station ID | Cust ID | Voice Template | Password/<br>Key | Pref.<br>Language | Subscription<br>Information |
|--------------------------|---------|----------------|------------------|-------------------|-----------------------------|
| 732 555 1111             | 0231    | File 0231      | turtle           | English           | remote access               |
| 732 555 2222             | 0232    | File 0232      | martian          | English           | Local/<br>Regional          |
| 732 555 3333             | 0233    | File 0233      | orange           | English           | Remote access               |

FIG. 8C



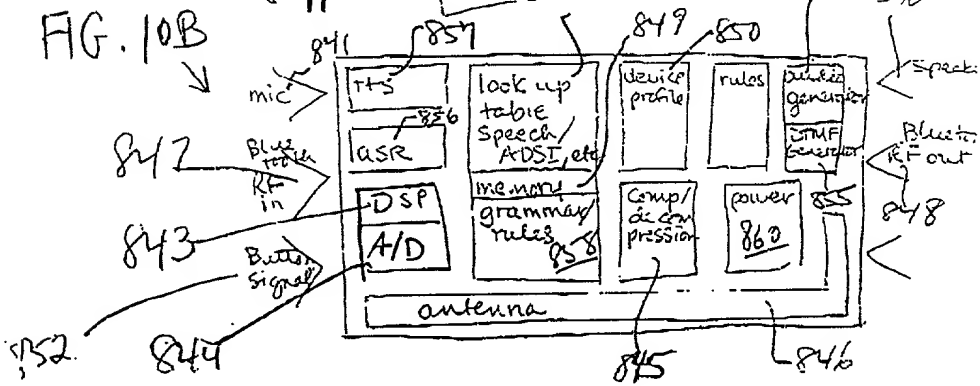
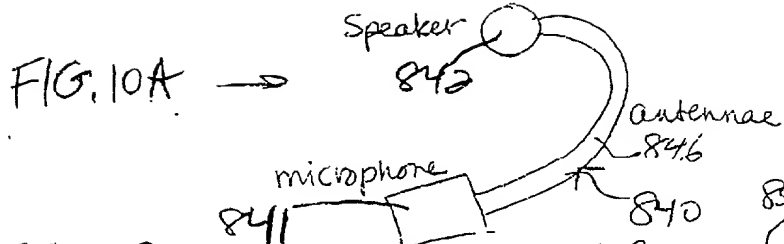


FIG. 11A

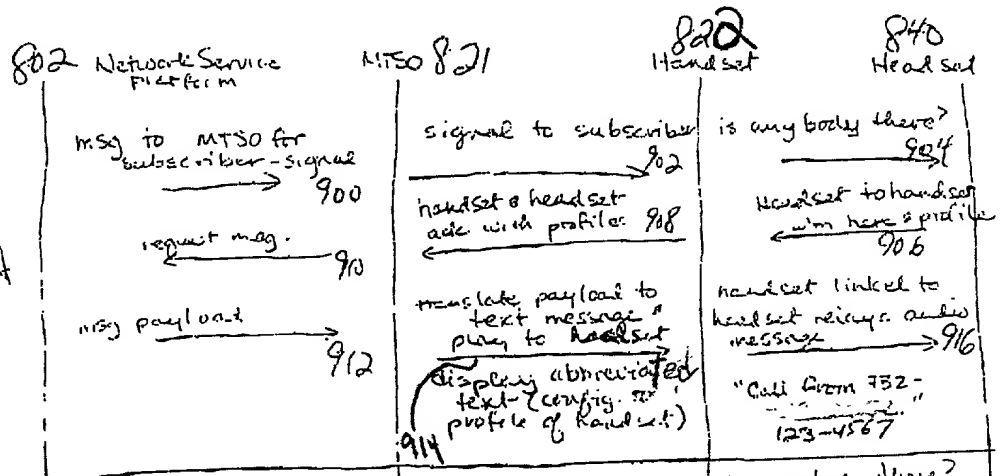


FIG. 11B

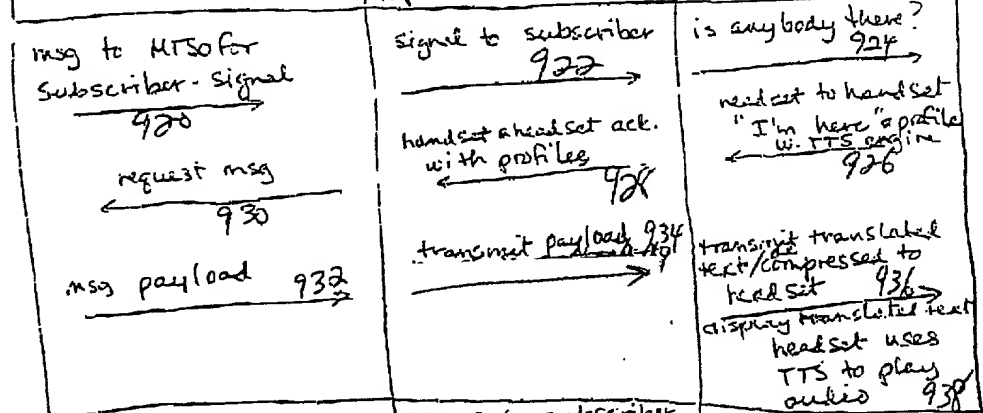


FIG. 11C

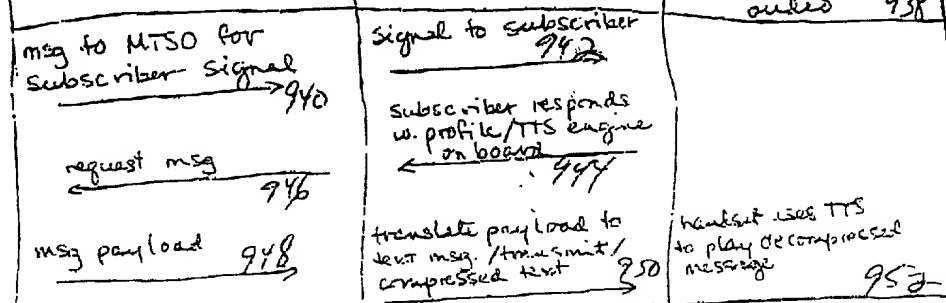
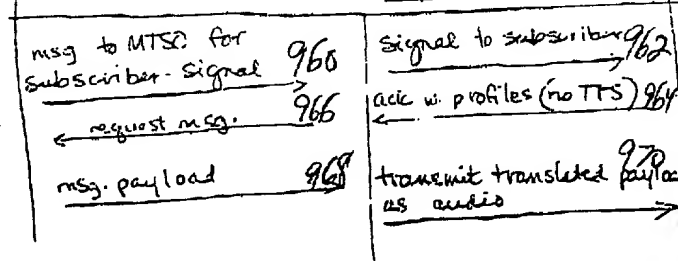


FIG. 11D



ing.

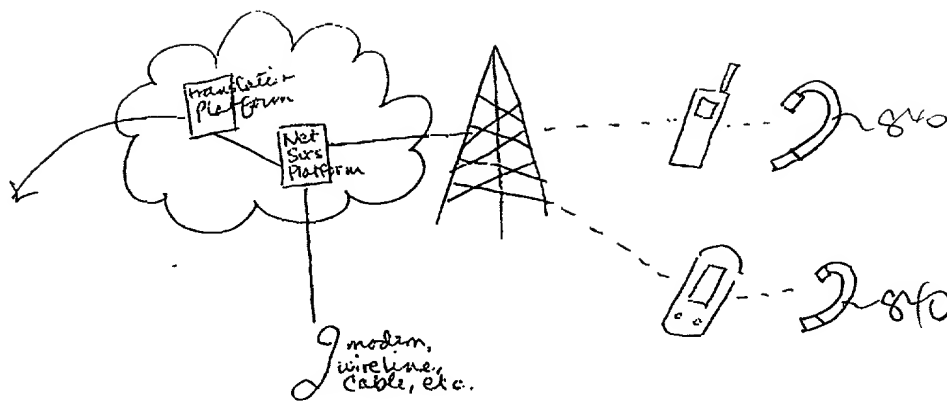


FIG. 12

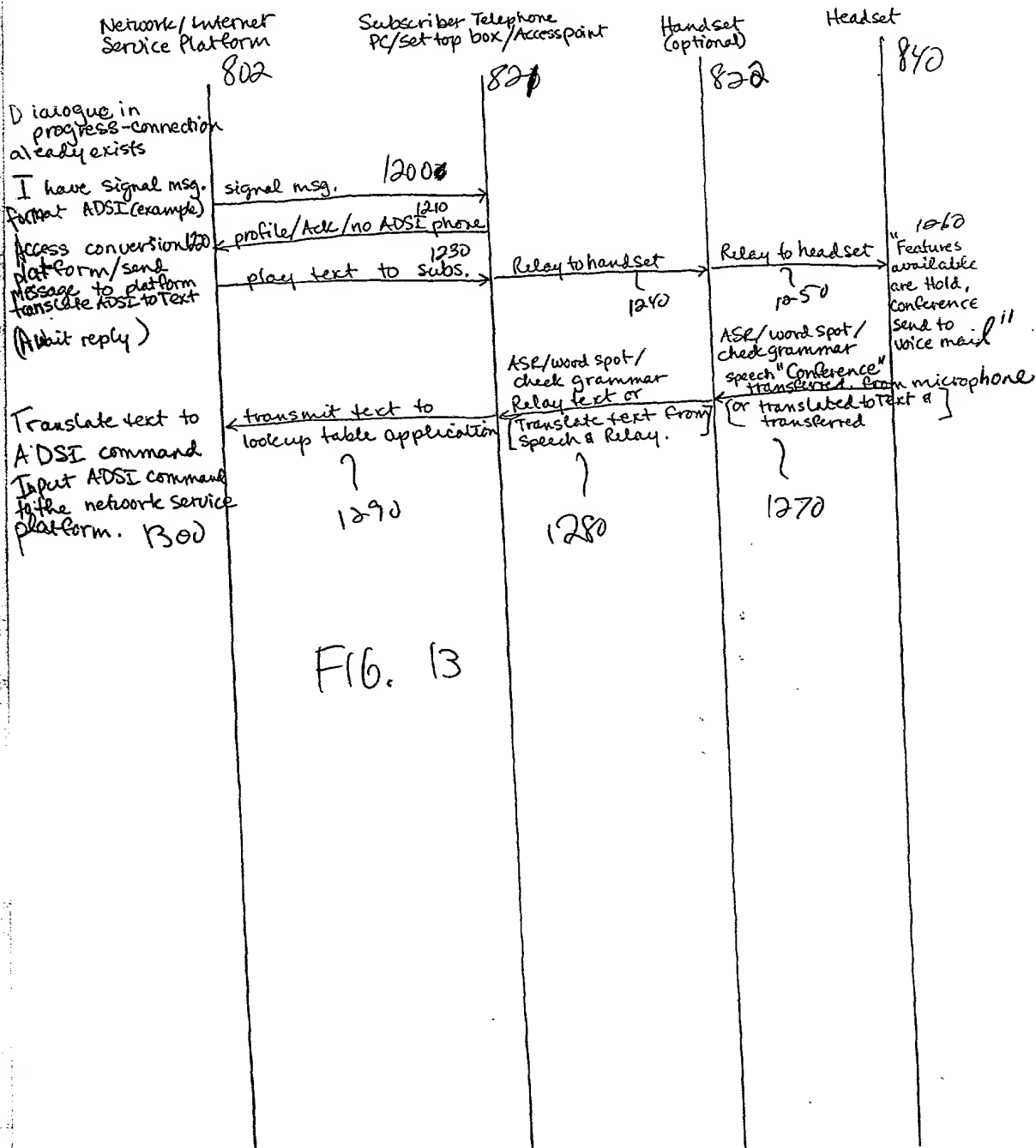


FIG. 13

